

Housseem Djeghri

Senior Software Engineer | Full Stack Developer

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Constantine, Algeria | Remote Only | EST / CET / GST Compatible

PROFESSIONAL SUMMARY

Senior Software Engineer with 8+ years of experience architecting and delivering scalable web and AI-driven solutions for SaaS and enterprise clients. Proven track record in full-stack TypeScript development, LLM integration, team leadership, and end-to-end product ownership — from architecture through deployment. Experienced working autonomously in fully remote, internationally distributed teams. Available across EST, CET, and GST time zones.

TECHNICAL SKILLS

Languages: TypeScript, Python, SQL

Databases: PostgreSQL, SQL (relational databases)

Frontend: React.js (Hooks, Context), Next.js, Vite, React Native

Styling: Tailwind CSS, CSS Modules, CSS-in-JS

Backend: Node.js, Express.js, FastAPI, REST APIs, Authentication, Webhooks

Testing: Jest, Vitest, React Testing Library, Unit & Integration Testing

AI / ML: LLM Integration (Vertex AI), AI-Assisted Development, Machine Learning

Cloud & Tools: CI/CD Pipelines, Cloud Infrastructure, Cloudflare (exploratory), WordPress, Git

PROFESSIONAL EXPERIENCE

Senior Software Engineer | BRIDGR – Montreal, Quebec, Canada (Remote) 2020 – 2025

- Designed and scaled SaaS features including dashboards, RESTful APIs, and an AI-driven recommendation engine adopted into the daily workflows of consulting firm users.
- Integrated LLM-based features via Vertex AI into the core platform, contributing to measurable improvements in API response times and system reliability.
- Wrote and maintained unit and integration tests to ensure code quality and prevent regressions across releases.
- Mentored and led 2 developers through code reviews, CI/CD implementation, and sprint planning, improving team delivery consistency.
- Collaborated with product and business stakeholders in Agile sprints to scope, prioritize, and drive projects from inception to deployment.

Full Stack Developer | Freelancer – Constantine, Algeria 2018 – Present

- Delivered 5–10 end-to-end web projects for international clients across SaaS, e-commerce, and professional services industries.
- Built applications using React, Next.js, Vite, and Node.js, integrating REST APIs and LLM-powered tools tailored to each client's product needs.
- Owned projects from requirements through post-launch support, maintaining long-term client relationships through clear communication and reliable delivery.

IT Consultant | BESTEK – Constantine, Algeria 2015 – 2016

- Advised clients on hardware selection and technology procurement aligned with business needs and budget constraints.
- Provided software repair and system optimization services for computers and smartphones, reducing client downtime.

EDUCATION

Master's Degree – Software Engineering 2014 – 2019

Abdelhamid Mehri Constantine 2 University | GPA: 4.0 / 4.0

ADDITIONAL INFORMATION

Languages: Arabic (Native), English (Professional), French (Professional)

Work Preference: Remote Only — available across EST (UTC-5), CET (UTC+1), and GST (UTC+4) time zones.